

How to replace a blade control

A broken "Blade Control"?

The blade control must be replaced if the control pins are sheared off by mis-installed blades or if blade control is broken through a crash. The GH-S's modular design allows for the repair of the tool by replacing only the broken items.

Step 1

With the blades removed from the tool, use a #8 Torx wrench to remove the blade housing clamping screw.

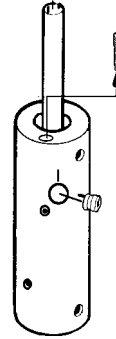
Pull the blade housing off of the tool body.



Step 2

Use a small screwdriver to remove the positioning pin from the tool body.

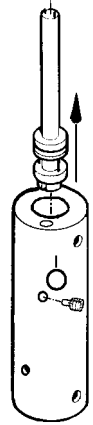
With the position pin removed, use a hex wrench to remove the eccentric cam from the tool body.



Step 3

Clear the red sealant from the chamfer adjusting screw and remove it.

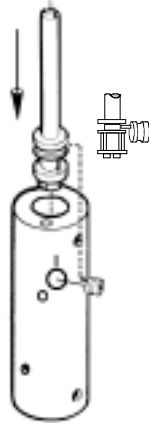
Pull the brass blade control out of the tool body. If the torsion spring comes with it, save the spring for re-installation.



Step 4

Insert the new brass blade control (with torsion spring if necessary).

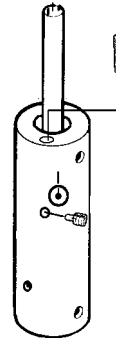
Set the eccentric cam in the tool body and ensure that the cam pin seats between the two discs of the blade control.



Step 5

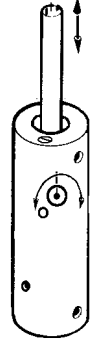
Reinstall the positioning pin until the head is just below the surface of the tool.

Reinstall the chamfer adjusting set screw until the head is just below the surface of the tool body.



Step 6

Use a 1.5mm hex wrench to turn the eccentric through several rotations and check that the blade control rises and falls with the turning of the eccentric.



Step 7

Align the screw hole in the blade housing with the screw hole in the tool body.

Reinstall the blade housing and tighten the screw with a #8 Torx wrench.



Step 8

Install new blades, set the blade ØD2, and set the blade tension. (see pages 2, 17, & 18 if necessary)

Seal the blade positioning set screw with red sealant and return the tool to service.



Important!

Set the ØD2 according to the directions on Page 18 and use the values for the correct tool size.